

## SUMMARY

Well-rounded Graphic Designer, Illustrator, and Web/Multimedia Programmer.  
Specific experience in web/multimedia project management, QA and localization.  
Excellent organization, oral/written communication, and attention to detail.

## SKILLS

*Programming: HTML, CSS, Homesite/handcoding, PHP, Javascript, Java, Lingo, ActionScript, shell scripting, SQL  
Databases: mySQL, SQLite, phpMyAdmin, FileMakerPro; integration with Flash, CD-ROM, and web applications  
Graphics: Adobe Illustrator, Photoshop, Acrobat, ImageReady, QuarkXPress/InDesign, etc.  
Multimedia: Flash, Director, SnapzPro, Sorenson codec, SoundForge, iMovie, Motion, etc.  
Platforms: Windows 98, SE, Me, NT, XP, 2000; Macintosh OS 7.6-10.4.9; Linux/Unix*

## WORK EXPERIENCE

### **Freelance Graphic Designer and Web/Multimedia Developer**, May 1998 to present

- Multimedia design of Motion library presets for Apple, Inc., Vancouver, Washington, 2006 to 2007
- Black & white vector illustrations for journal publication, BioScience Communications, New York, 2006
- CSS, javascript, and HTML implementation of web page templates, CMD Agency, Portland, Oregon, 2006
- Black & white line art and full layout design for quick start installation guide, LaserMax Corporation, 2006
- Flash animations for pharmaceutical sales training, Pfizer Corporation, 2005

### **Senior Developer/IT Manager**, SaverCD, LLC, Lake Oswego, Oregon, Oct 2005 to Jul 2006

Troubleshoot, program, and develop interactive multimedia CD-ROM product (400,000 copies published and distributed quarterly). Provide web, Flash, and graphic design, including web illustrations, animations.

### **Corporate Communications, Inc.**, Rochester, New York, Jul 2000 to Oct 2005

- **Web/Multimedia Manager**, Sep 2004 to Oct 2005  
Provide estimates and proposals. Support projects by training team members, procuring assets, and providing design and programming support to team. Encourage continued client relationships by recommending new solutions and anticipating future needs. Ensure product quality by enforcing style and branding guidelines, testing, and troubleshooting. Oversee web and multimedia localization and QA.
- **Multimedia Engineer**, Jun 2002 to Sep 2004  
Program variety of web and multimedia projects: Web-based Flash applications, Director-based CD-ROMs, web-database applications, and integrated kiosk solutions. Clients such as: Eastman Kodak Company, Bausch and Lomb, Spectracom Corporation, Nazareth College. Optimize playback and image/audio/video compression formats for specific target delivery formats. Manage QA as needed.
- **Interactive Graphic Designer**, Jul 2000 to Jun 2002  
Illustrate, design, develop, and program for a variety of projects in multimedia, web, and print formats, for clients such as Haley and Aldrich, Eastman Kodak Company, William Smith College.

### **Adjunct Faculty**, Rochester Institute of Technology, Rochester, New York, Aug to Nov 2003

Develop curriculum for and taught college course in Macromedia Flash: 2D Animation and Interactivity.

### **Software Developer**, Neo/SCI Corporation, Rochester, New York, May 1999 to Apr 2000

Program richly interactive science educational CD-ROMs for Macintosh and Windows. Create original graphics illustrating lab exercises. Design layouts for posters and catalog inserts.

### **Faculty Research Assistant**, COARC, Oregon State University, Madras, Oregon, Jan 1996 to Jul 1997

Manage data and sample collection and statistical analyses as applied to plant, soil, and water quality. Write and edit abstracts and manuscripts for scientific journal publication.

## EDUCATION

**MFA**, 1999. Medical Illustration. Interactive Multimedia minor. Rochester Institute of Technology. GPA: 4.0.  
**MS**, 1996. Soil Science. Cornell University. GPA: 3.68.  
**BS**, 1992. Biological Sciences. Cornell University. Dean's List, Fall 1991.

## SELECTED WORKS AND PUBLICATIONS

### Web Sites (Front-end, Back-end, Project Management as noted)

- www.shastatpa.com** **Shasta Administrative Services, CMD agency / Jeld-Wen Inc.**
- *Back-end templates*: I provided *HTML, CSS, and javascript* for this entire site.
- www.firstpreshf.org** **First Presbyterian Church of Honeoye Falls**
- I *redesigned and programmed* this entire site by myself, including the addition of a customized CMS for its news section, and served as sole *webmaster* for several years.
- www.kodak-dpt.com** **Digital Partner Training, Eastman Kodak Company**
- *Graphic design, Flash, and web-database programming*: I provided *Flash animations, actionscript, web graphics, HTML, PHP, mySQL, javascript, CSS, and QA* as part of a team.
  - *Project management*: Subsequently promoted to project manager, I headed this site's *back-end full restructure and upgrade to a fully dynamic, database-driven, multilingual site.*
- www.lasermx.com** **LaserMax Corporation**
- *Back-end development*: As part of a team, I provided *HTML, javascript, PHP and mySQL.*
  - *Project management*: I provided *quotes, recommended and guided further upgrades to website and, in addition, supported and managed related print collateral projects.*

### Medical and Scientific Illustrations

- "Figure 1. Hyperglycemia is a result of defect in both pancreatic islet  $\alpha$ - and  $\beta$ -cells, leading to elevated glucagon and decreased insulin secretion" from R. Keith Campbell, "Rationale for Dipeptidyl Peptidase 4 Inhibitors: A New Class of Oral Agents for The Treatment of Type 2 Diabetes Mellitus," *Annals of Pharmacology*, 2007 January, Volume 41.
- "Figure 2: Pharmacological approaches to the major metabolic defects of T2DM," from A. Cohen and E. Horton, "Progress in the treatment of type 2 diabetes: new pharmacologic approaches to improve glycemic control," *Current Medical Research and Opinion*, 2007, 23(4): 905-917.
- "Figure 2: Pancreatic islet dysfunction determines the onset of IGT and T2DM," from R.E Pratley and A. Salsali, "Inhibition of DPP-4: a new therapeutic approach for the treatment approach for the treatment of type 2 diabetes," *Current Medical Research and Opinion*, 2007, 23(4): 919-931.
- "Signs of Poor Health." 1998. Illus. from: *Streamside restoration – a team effort: An outreach program for stream management.* R.L. Schneider, Dept of Natural Res. Cornell Cooperative Extension factsheet.

### Graphic Design (Layout and Typographical Design)

- Quick Start Installation Guide for LaserMax.* 2006. Instructions for installation of GLOCK handgun laser sight.
- Visualizing Blood.* 1999. Four-color 23" x 35" poster designed for Neo/Sci Corporation.
- Visualizing Mitosis.* 2000. Four-color 35" x 23" poster designed for Neo/Sci Corporation.
- Visualizing Earth's Processes.* 2000. Four-color 23" x 35" poster designed for Neo/Sci Corporation.

### CD-ROM and Kiosk

- SaverCD* Interactive CD-ROM coupon directory. Q1 2006 through Q3 2006 product releases. Updated legacy programming; created and integrated new stand-alone database with Lingo coding. Updated interfacing with embedded audio, video, and Flash animations.
- Kodak Picture Maker* kiosk. 2003-2005. Re-structured and re-programmed Attract Loop, localization features, and multimedia integration and functionality. Eastman Kodak Company.
- Blood and the Circulatory System.* 2000. Interactive CD-ROM programmed for Neo/Sci Corporation.